

REMARKS

Claims 10-28 are pending in the present application. Claims 10-28 were rejected under 35 U.S.C. §102(b) as being anticipated by Durviage, EP 0400764 B1.

Reconsideration of the application is respectfully requested.

Rejection under 35 U.S.C. §102(b)

Claims 10-28 are pending in the present application. Claims 10-28 were rejected under 35 U.S.C. §102(b) as being anticipated by Durviage, EP 0400764 B1.

Durviage describes an electronic trip system for a circuit breaker, including a power supply 122 in which a capacitor 584 and a transistor 568 together aid in filtering voltage ripple. A “watchdog and reset” 124 receives +5V and +9V supplied by the power supply. See page 9, lines 18-26, and Figs. 4 and 8. A comparator 726 in the watchdog and reset 124 is connected on an output side to a power IGFET 583 to provide a trip signal to a solenoid 112. See page 12, lines 38-39, and Figs. 8 and 4. A capacitor 574 in power supply 122 serves as the energy storage for solenoid 112. See page 9, lines 24-25, and Fig. 4.

Independent claims 10 and 20 of the present application recite a bypass circuit including “a high pass filter connected downstream from the watchdog circuit” and a “voltage comparator being connected ... on the output side to [a] charging capacitor” that is dischargeable via a semiconductor switch. It is respectfully submitted that Durviage does not teach at least these features of claims 10 and 20. Specifically, Durviage does not teach a high pass filter connected downstream from a watchdog circuit, as recited in claims 10 and 20. In contrast, the capacitor 584 and transistor 568 in the power supply 122 of Durviage are necessarily connected upstream from the watchdog and reset 124, since the power supply 122 supplies +5V and +9V to the watchdog and reset 124. See Durviage, page 9, lines 18-26, and Figs. 4 and 8. Moreover, Durviage does not teach a voltage comparator connected on an output side to a charging capacitor dischargeable via a semiconductor switch, as recited in claims 10 and 20. In contrast, the comparator 726 in the watchdog and reset 124 of Durviage is merely connected at its output side to power IGFET 583, which trips solenoid 112. The

output side of comparator 726 is thus not connected to capacitor 574, which serves as the energy storage for solenoid 112. See Durviage, page 9, lines 24-25, and Fig. 4. Because Durviage is missing at least the above-recited features of independent claims 10 and 20, it is respectfully submitted that this reference cannot anticipate claims 10 and 20 or their respective dependent claims.

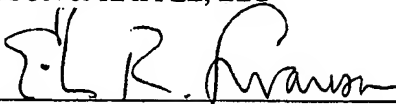
Withdrawal of the rejection of claims 10-28 under 35 U.S.C. §102(b) based on Durviage is respectfully requested.

CONCLUSION

It is respectfully submitted that the application is now in condition for allowance.

Respectfully submitted,

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